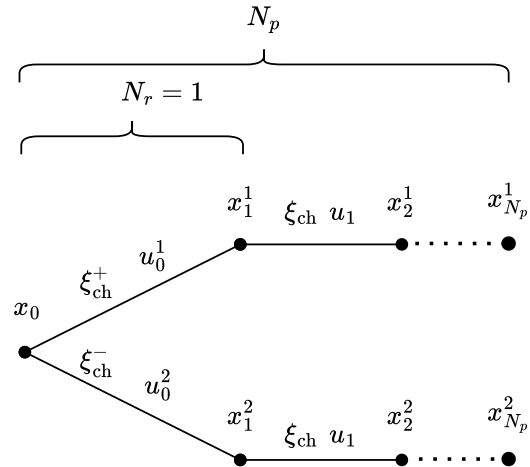


$x_k^j$  — State at time  $k$  of scenario  $j$

$u_k^j$  — Input at time  $k$  of scenario  $j$

$\xi^j$  — Vector of influent macronutrients (CH, PR, LI) of scenario  $j$



$N_p$  — Prediction horizon

$N_r$  — Robust horizon

$\xi_{ch}^j$  — Influent CH concentration of scenario  $j$